



IPT International Petroleum Trading LTD  
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25335 Elmshorn  
Company registration number: HRB 13315 PI  
Sales tax identification number: DE313987910  
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product certificate

TIPP-OIL Mineral Hydraulic HLP 220 0002-000233

Description of the

TIPP-OIL Mineral Hydraulic HLP 220 is an optimally alloyed hydraulic oil. It has a high performance level and a wide application range within the entire industry. Mineral Hydraulic HLP 220 offers excellent wear protection under extreme loads. Mineral Hydraulic HLP 220 is characterized by good viscosity and temperature behaviour, high ageing resistance and reliable corrosion protection.

Application note:

Mineral Hydraulic HLP 220 is used as a hydraulic fluid in practically all hydraulic systems. The operating instructions of the vehicle and engine manufacturers must be observed.

Specifications:

DIN 51506 VC, DIN 51506, Part 2

Tried and tested in practice in units with filling regulations:

AFNOR NF E 48-603 (HM, HV), ISO 6743/4-HV

Properties:

High performance level

Very good viscosity-temperature behaviour



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High ageing resistance

Excellent wear protection

Reliable corrosion protection - Neutral towards sealing materials

Properties Data Unit Test according to

kinematic viscosity at 40°C 237 MM<sup>2</sup>/S DIN ISO 51562-2

Viscosity index 92 DIN ISO 2909

Colour Yellow visual

Density at 15°C 897 KG/M<sup>3</sup> DIN EN ISO 12185

Pourpoint -12 °C ASTM D 7346

All data given are approximate values and are subject to the usual production fluctuations.

To the best of our knowledge, all data correspond to the current state of knowledge and our development. We reserve the right to make changes. All references to DIN standards are for product description purposes only and do not constitute a guarantee. In the event of any problems, request technical advice.



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